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news

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT: RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE
June 25, 1980

ARI REPORTS 1979 RESIDENTIAL INSTALLATIONS OF UNITARY EQUIPMENT DECREASED AND COMMERCIAL INSTALLATIONS INCREASED

ARLINGTON, VIRGINIA ---- Shipments of unitary air-conditioning equipment for use in residential installations decreased 5.5% in 1979 and commercial installations increased 21.4% from 1978 figures, the Air-Conditioning and Refrigeration Institute announced this week.

There were 2,158,237 residential units shipped last year, accounting for 77.2% of installations. A total of 522,360, or 22.8% were for commercial installations.

The 1979 figures are in marked contrast to those posted in 1953, the first year for which statistics were available, when 66.9% of total unitary shipments went into commercial installations and only 33.1% into residential. However, the residential share passed the commercial portion two years later when it accounted for 56.5% of units shipped and has steadily drawn away from commercial installations.

The following tabulation shows the changing pattern in the shares of residential and commercial applications, and of exports, the latter first being reported in 1960.

....more....

		% of Total
1953		
Total	126,813	
Residential	41,992	33.1
Commercial	84,821	66.9
1954		
Total	160,909	
Residential	80,001	49.7
Commercial	80,908	50.3
1955		
Total	196,861	
Residential	111,158	56.5
Commercial	85,703	43.5
1956		
Total	254,403	
Residential	147,224	57.9
Commercial	107,179	42.1
1957		
Total	217,042	
Residential	126,071	58.1
Commercial	90,971	41.9
1958		
Total	230,541	
Residential	140,988	61.2
Commercial	89,553	38.8
1959		
Total	306,814	
Residential	191,923	62.6
Commercial	114,891	37.4

		% of U.S.
1960		
Total Shipments	350,442	
Export	9,300	
Total U.S.	341,122	
Residential	217,148	63.7
Commercial	123,974	36.3
1961		
Total Shipments	365,764	
Export	9,558	
Total U.S.	356,206	
Residential	238,206	66.9
Commercial	118,000	33.1
1962		
Total Shipments	467,719	
Export	12,211	
Total U.S.	455,508	
Residential	305,190	67.0
Commercial	150,318	33.0
1963		
Total Shipments	580,099	
Export	14,444	
Total U.S.	565,655	
Residential	400,759	70.8
Commercial	164,896	29.2
1964		
Total Shipments	701,569	
Export	17,233	
Total U.S.	684,336	
Residential	483,593	70.7
Commercial	200,743	29.3
1965		
Total Shipments	826,422	
Export	20,682	
Total U.S.	805,740	
Residential	580,997	72.1
Commercial	224,743	27.9

		% of U.S.
1966		
Total Shipments	958,546	
Export	20,663	
Total U.S.	937,883	
Residential	652,736	69.6
Commercial	285,147	30.4
1967		
Total Shipments	1,047,231	
Export	25,179	
Total U.S.	1,022,052	
Residential	714,025	69.9
Commercial	308,027	30.1
1968		
Total Shipments	1,234,611	
Export	30,412	
Total U.S.	1,204,199	
Residential	847,387	70.4
Commercial	356,812	29.6
1969		
Total Shipments	1,635,025	
Export	33,681	
Total U.S.	1,601,344	
Residential	1,174,570	73.3
Commercial	426,774	26.7
1970		
Total Shipments	1,616,018	
Export	44,027	
Total U.S.	1,571,991	
Residential	1,172,223	74.6
Commercial	399,768	25.4

		% of U.S.
1971		
Total Shipments	1,876,879	
Export	43,561	
Total U.S.	1,833,318	
Residential	1,408,413	76.8
Commercial	424,905	23.2
1972		
Total Shipments	2,436,455	
Export	44,125	
Total U.S.	2,392,330	
Residential	1,826,519	76.3
Commercial	565,811	23.7
1973		
Total Shipments	2,839,434	
Export	71,642	
Total U.S.	2,767,792	
Residential	2,147,546	77.6
Commercial	620,246	22.4
1974		
Total Shipments	2,488,828	
Export	99,404	
Total U.S.	2,389,424	
Residential	1,889,577	79.1
Commercial	499,847	20.9
1975		
Total Shipments	1,622,497	
Export	81,013	
Total U.S.	1,541,484	
Residential	1,174,578	76.2
Commercial	366,906	23.8

		% of U.S.
1976		
Total Shipments	2,327,559	
Export	168,349	
Total U.S.	2,159,210	
Residential	1,700,682	78.8
Commercial	458,528	21.2
1977		
Total Shipments	2,615,121	
Export	150,681	
Total U.S.	2,464,440	
Residential	1,999,924	81.2
Commercial	464,516	18.8
1978		
Total Shipments	2,821,479	
Export	106,842	
Total U.S.	2,714,637	
Residential	2,284,530	84.2
Commercial	430,107	15.8
1979		
Total Shipments	2,793,910	
Export	113,313	
Total U. S.	2,680,597	77.2
Residential	2,158,237	22.8
Commercial	522,360	

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NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR IMMEDIATE RELEASE
July 7, 1980

MAY UNITARY SHIPMENTS DOWN 40.6% OVER A YEAR AGO

ARLINGTON, VIRGINIA ---- May U. S. shipments of unitary air-conditioners and heat pumps were 154,915. This was a decrease of 40.6% from May, 1979. Year-to-date shipments were 916,119, down 26.4% as compared to January-May figures a year ago.

Included in the total figures were May shipments of heat pumps which were 27,736. This is a decrease of 37.0% from shipments in May, 1979. The cumulative shipments for heat pumps for the first 5 months of 1980 were 188,831. This is a decrease of 20.6% from the same period of 1979.

May factory stocks are down 2,500 units from April and are up about 35,000 units over May, 1979. May distributor shipments were down 36.0% from May a year ago. The year-to-date shipments are down 24%.

Distributor inventories are down 2,000 units compared to April and are down some 23,000 units from May, 1979.

May U. S. dollar bookings of hermetic centrifugals were up 49% thus making the year-to-date up 25% compared with 1979. May U. S. dollar bookings of reciprocating liquid chillers were up 1% with a year-to-date gain of 4%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date May, 1980

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS: CONDENSER-TYPE AIR OR EVAP. COOLED A	NUMBER OF UNITS: CONDENSER-TYPE WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1979
CONDENSED SUMMARY BY SIZE	Under 16.5		2942		2942	5.6+
	16.5-21.9		14323	27	14350	25.2-
	22-26.9		29280	13	29293	35.8-
	27-32.9		26473	29	26502	43.5-
	33-38.9		32916	106	33022	48.1-
	39-43.9		11423	49	11472	52.8-
	44-53.9		13681		13681	47.5-
	54-64.9		13481	159	13640	38.0-
	65-96.9		3675	88	3763	6.6-
	97-134.9		2529	85	2614	9.4-
	135-184.9		1726	47	1773	7.5+
	185-249.9		659	43	702	44.7+
	250-319.9		474	13	487	3.2+
	320-379.9		221	5	226	4.1+
	380-539.9		204	11	215	7.5+
	540-639.9		103	7	110	29.4+
	640 and over		117	6	123	12.8-
	TOTAL		154227	688	154915	40.6-

ADDITIONAL INFORMATION

	MONTH	YEAR-TO-DATE
Of the units reported in the sub-total of Other than Horizontal Type, the number of remote-condenser type are:	329	1,230
Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:	3,833	20,273
Of the total units reported on line 570, the number of units designed for mobile home application are:	-	-

The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "Split Systems".

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news

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT: RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE
August 19, 1980

UNITARY SHIPMENTS DROP 33.8% in JUNE FROM 1979 FIGURES

ARLINGTON, VIRGINIA ---- June U. S. shipments of unitary air-conditioners and heat pumps were 196,367. This was a decrease of 33.8% from June, 1979. Year-to-date shipments were 1,112,486, down 27.8% as compared to January-June figures a year ago.

Included in the total figures were June shipments of heat pumps which were 32,413. This is a decrease of 36.3% from shipments in June, 1979. The cumulative shipments for heat pumps for the first 6 months of 1980 were 221,244. This is a decrease of 23.4% from the same period of 1979.

June factory stocks are down 75,000 units from May and are up about 10,000 units from June, 1979. June distributor shipments were down 27% from June a year ago. The year-to-date shipments are down 25%.

Distributor inventories are down 29,000 units compared to May and are down some 37,000 units from June, 1979.

June U. S. dolar bookings of hermetic centrifugals were down 39.0%, thus making the year-to-date up 6% compared with 1979. June U. S. dollar bookings of reciprocating liquid chillers were down 9.0% with a year-to-date loss of 11.0%.

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22/80

AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JUNE, 1980

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1979
CONDENSED SUMMARY BY SIZE	Under 16.5		2798		2798	37.3-
	16.5-21.9		17541	25	17566	18.7-
	22-26.9		34301	7	34308	34.6-
	27-32.9		34706	26	34732	37.2-
	33-38.9		46438	117	46555	35.7-
	39-43.9		14835	49	14884	46.0-
	44-53.9		19693		19693	36.1-
	54-64.9		17057	170	17227	28.0-
	65-96.9		3525	134	3659	12.0-
	97-134.9		2427	85	2512	6.2-
	135-184.9		1482	74	1556	15.3+
	185-249.9		617	12	629	49.8+
	250-319.9		431	27	458	31.6+
	320-379.9		240	18	258	69.7+
	380-539.9		207	33	240	50.9+
	540-639.9		112	6	118	35.6+
	640 and over		173	1	174	39.2+
	TOTAL		195583	784	196367	33.8-

ADDITIONAL INFORMATION

	MONTH	YEAR-TO-DATE
Of the units reported in the sub-total of Other Than Horizontal type, the number of remote-condenser type are:	347	1,577
Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:	2,577	22,850
Of the total units reported on line 570, the number of units specifically designed for mobile home application are:	-0-	-0-

The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "split systems".

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NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR IMMEDIATE RELEASE
September 18, 1980

JULY UNITARY SHIPMENTS SHOW DECREASE OF 8.4 PERCENT

ARLINGTON, VIRGINIA ---- July U. S. shipments of unitary air-conditioners and heat pumps were 216,086. This was a decrease of 8.4 percent from July, 1979. Year-to-date shipments were 1,328,572, down 25.2 percent as compared to January-July figures a year ago.

Included in the total figures were July shipments of heat pumps which were 30,595. This is a decrease of 33.6 percent from shipments in July, 1979. The cumulative shipments for heat pumps for the first 7 months of 1980 were 251,839. This is a decrease of 24.8 percent from the same period of 1979.

July factory stocks are down 82,000 units from June and are down about 70,000 units from July, 1979.

July distributor shipments were up 13.0 percent over July a year ago. The year-to-date shipments are down 19.0 percent. Distributor inventories are down 80,000 units compared to June and are down some 91,000 units from July, 1979.

July U. S. dollar bookings of hermetic centrifugals were up 2.0 percent, thus making the year-to-date up 6.0 percent compared with 1979. July U. S. dollar bookings of reciprocating liquid chillers were down 21 percent with a year-to-date loss of 13.00 percent.

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20/80

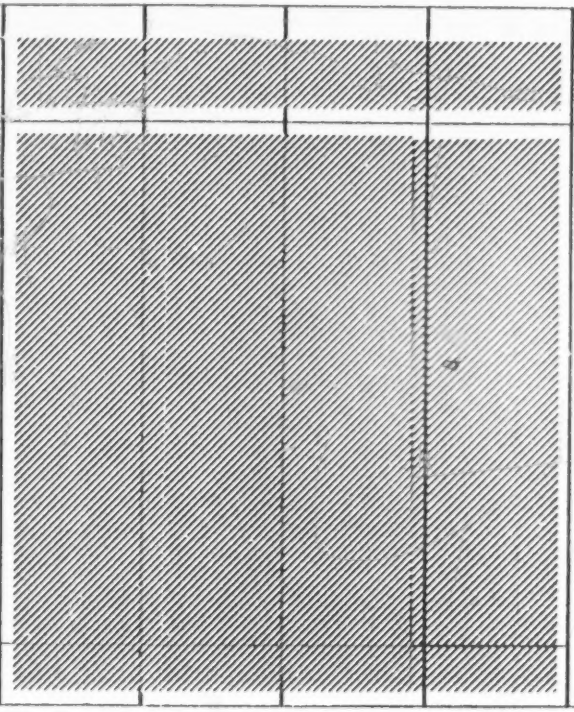
AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JULY, 1980

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1979
CONDENSED SUMMARY BY SIZE	Under 16.5		1479		1478	25.2-
	16.5-21.9		16147	31	16178	11.3+
	22-26.9		42648	11	42659	.4+
	27-32.9		41466	60	41526	4.4-
	33-38.9		54421	115	54536	5.2-
	39-43.9		14967	46	15013	22.2-
	44-53.9		18122		18122	29.3-
	54-64.9		17383	163	17546	21.6-
	65-96.9		3373	131	3504	2.1-
	97-134.9		2429	80	2509	3.5+
	135-184.9		1379	68	1447	19.0+
	185-249.9		644	18	662	28.8+
	250-319.9		276	15	291	14.9-
	320-379.9		245	18	263	78.9+
	380-539.9		155	10	165	3.1+
	540-639.9		53	2	55	16.7-
	640 and over		131	1	132	32.0+
	TOTAL		215317	769	216086	8.4-



ADDITIONAL INFORMATION

	MONTH	YEAR-TO-DATE
Of the units reported in the sub-total of Other Than Horizontal type, the number of remote-condenser type are:	543	2,120
Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:	4,254	27,104
Of the total units reported on line 570, the number of units specifically designed for mobile home application are:	-0-	-0-

The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "split systems".

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FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT: RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE

October 10, 1980

AUGUST UNITARY SHIPMENTS SHOW DECREASE OF .4 PERCENT

ARLINGTON, VIRGINIA ---- August U. S. shipments of unitary air-conditioners and heat pumps were 175,319. This was a decrease of .4 percent from August, 1979. Year-to-date shipments were 1,503,891, down 23.0 percent as compared to January-August figures a year ago.

Included in the total figures were August shipments of heat pumps which were 29,436. This is a decrease of 11.1 percent from shipments in August, 1979. The cumulative shipments for heat pumps for the first 8 months of 1980 were 281,275. This is a decrease of 23.5 percent from the same period of 1979.

August factory stocks are down 89,000 units from July and are down about 118,600 units from August, 1979.

August distributor shipments were up 25 percent over August a year ago. The year-to-date shipments are down 14 percent. Distributor inventories are down 60,700 units compared to July and are down some 114,000 units from August, 1979.

August U. S. dollar bookings of hermetic centrifugals were up 60 percent, thus making the year-to-date up 9 percent compared with 1979. August U. S. dollar bookings of reciprocating liquid chillers were up 13 percent with a year-to-date loss of 10 percent.

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26/80

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date AUGUST, 1980

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1979
CONDENSED SUMMARY BY SIZE	Under 16.5		980		980	39.2-
	16.5-21.9		14186	20	14206	6.8+
	22-26.9		32794	8	32802	.8+
	27-32.9		33454	19	33473	8.7+
	33-38.9		43966	87	44053	6.3+
	39-43.9		13112	56	13168	15.2-
	44-53.9		15203		15203	10.4-
	54-64.9		14239	149	14388	9.9-
	65-96.9		2403	76	2479	18.8-
	97-134.9		1799	55	1854	16.2-
	135-184.9		1289	62	1351	4.3+
	185-249.9		436	93	529	15.3+
	250-319.9		264	28	292	14.1+
	320-379.9		184	6	190	25.8+
	380-539.9		125	7	132	21.4-
	540-639.9		79	6	85	9.6-
	640 and over		131	3	134	12.6+
	TOTAL		174644	675	175319	.4-